Form PTO 948 (Rev. 03/02) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

| DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: | 8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(i) |
|--|---|
| Black ink. Color. | Words do not appear on a horizontal, left-to-right fashion |
| Color drawings are not acceptable until petiton is granted. | when page is either upright or turned so that the top |
| Fig(s) | becomes the right side, except for graphs. Fig(s) |
| Pencil and non black ink not permitted, Fig(s) | 9. SCALE. 37 CFR 1.84(k) |
| 2. PHOTOGRAPHS. 37 CFR 1.84(b) | Scale not large enough to show mechanism without |
| 1 full-tone set is required. Fig(s) | Scare not targe chough to snow mechanism without |
| Photographs may not be mounted. 37 CFR 1.84(e) | crowding when drawing is reduced in size to two-thirds in reproduction. |
| Poor quality (half-tone). Fig(s) | |
| 3. TYPE OF PAPER. 37 CFR 1.84(e) | Fig(s) |
| Paper not flexible, strong, white, and durable. | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. |
| Fig(s) | 37 C9R 1.84(I) |
| Erasures, alterations, overwritings, interlineations, | Lines, numbers & letters not uniformly thick and well |
| folds, copy machine marks not accepted. Fig(s) | defined, clean durable and black (poor line quality). |
| Mylar, velum paper is not acceptable (too thin). | $\operatorname{Fig}(s) LO \prod_{s} S$ |
| Fig(s) | 11. SHADING. 37 CFR 1/84(m) |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: | Solid black areas pale. Fig(s) |
| | Solid black shading not permitted. Fig(s) |
| 21.0 cm by 29.7 cm (DIN size A4) | Shade lines, pale, rough and blurred. Fig(s) |
| 21.6 cm by 27.9 cm (8 1/2 x 11 inches) | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. |
| All drawing sheets not the same size. | 37 CFR 1.84(p) |
| Sheet(s) | Numbers and reference characters not plain and legible. |
| Drawings sheets not an acceptable size. Fig(s) | Fig(s) |
| 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: | Figure legends are poor. Fig(s) |
| T 25 1 5 2 5 7 1 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Numbers and reference characters not oriented in the |
| Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm | same direction as the view. 37 CFR 1.84(p)(1) |
| SIZE: A4 Size | Fig(s) |
| Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | English alphabet not used. 37 CFR 1.84(p)(2) |
| SIZE: 8 1/2 x 11 | Figs |
| Margins not acceptable. Fig(s) | Numbers, letters and reference characters must be at least |
| Top (T) Left (L) | .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) |
| Right (R) Bottom (B) | Fig(s) |
| 6. VIEWS. 37 CFR 1.84(h) | 13. LEAD LINES, 37 CFR 1.84(g) |
| REMINDER: Specification may require revision to | Lead lines cross each other. Fig(s) |
| correspond to drawing changes. | Lead lines missing. Fig(s) |
| Partial views37 CFR 1.84(h)(2) | 14. NUMBERING OF SHEETS OF DRAWINGS, 37 CFR 1.84(t) |
| Brackets needed to show figure as one entity. | Sheets not numbered consecutively, and in Arabic numerals |
| P(g(s) | beginning with number 1. Sheet(s) |
| Views not labeled soparately or properly. | 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) |
| | Views not numbered consecutively, and in Arabic numerals, |
| Enlarged view not labeled separately or property. | beginning with number 1. Fig(s) |
| Fig(s) | 16. CORRECTIONS. 37 CFR 1.84(w) |
| | Corrections not made from prior PTO-948 |
| 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) | dated |
| Hatching not indicated for sectional portions of an object. | 17. DESIGN DRAWINGS. 37 CFR 1.152 |
| Fig(s) | Surface shading shown not appropriate. Fig(s) |
| Sectional designation should be noted with Arabic or | Solid black shading not used for color contrast. |
| Roman numbers. Fig(s) | Fig(s) |
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| COMMENTS | |
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| REVIEWER | M DATE 9 19 02 TELEPHONE NO. 203358460 |
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| ATTACHMENT TO PAPER NO | 12 |